

PACSYSTEMS RX3i

Product Data Sheet

IC694MDL645D

16-Point DC Input Module

INPUT POINTS	POINTS PER COMMON	NOMINAL INPUT VOLTAGE	INPUT VOLTAGE RANGE
16	16	24 V DC	0 to 30 V DC

IC694MDL645D is a 16-point DC input module in the GE PACSystems RX3i family. It connects discrete 24 V DC field signals to a compatible industrial controller.

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VERIFIED TECHNICAL DATA

Input points	16
Points per common	16
Nominal input voltage	24 V DC
Input voltage range	0 to 30 V DC
Input logic	Positive or negative
Nominal input current	7 mA at rated voltage
On-state voltage	11.5 to 30 V DC
Off-state voltage	0 to 5 V DC
On-state current	3.2 mA minimum
Off-state current	1.1 mA maximum

ADDITIONAL PRODUCT DATA

Signal delay	7 ms typical, on and off
5 V backplane current	80 mA with all inputs on
24 V supply current	125 mA from isolated bus or user supply
Field isolation	250 V AC continuous; 1500 V AC for 1 minute
Isolation with 24 V OUT used	50 V AC continuous; 500 V AC for 1 minute

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Automated Production Processing: Manufacturing Process Automation.

Water Treatment and Wastewater Processing: Municipal Drinking Water Treatment.

Food Manufacturing and Beverage Production Processing: Food Processing and Packaging.

SYSTEM COMPATIBILITY

IC694MDL645D is a 16-point dc input module in the PACSystems RX3i platform. Match the exact article and hardware revision to the installed backplane and controller configuration before allocating channels, connections or network resources.

PRODUCT EVIDENCE

Emerson GFK-2314T, MDL645 input specifications

AMIKON PRODUCT SUPPORT

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